

# POWERVISION

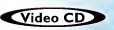
## Television

- Real Flat Colour Television with Built-in DVD Player
- Black Matrix Real-Flat Tube
- Scan Velocity Modulation (SCAVEM)
- Incredible Picture
- Colour Transient Improver
- Contrast +
- 20W RMS + 10W RMS Active Sub-woofer
- Incredible Surround
- Auto Volume Leveller
- 100 Page Teletext (Opt)
- Side Av In/Out

**REAL  
FLAT**


## DVD

- DVD / S-VCD / Video CD / Audio CD play back
- CD-R and CD-RW Compatible
- Advance DVD-Video technology, including 10-bit video DAC, 24-bit/96kHz Audio DAC
- Dual Laser optical pickup unit
- NTSC/PAL playback
- Multi system Video out
- Perfect Still picture and multiple Zoom
- Super-suspension for ultimate stable play-back
- TruSurround™ 3-Dimensional Virtual Surround Sound
- Digital Audio/Optical output (PCM / MPEG / AC-3 / DTS)
- Dolby Pro Logic™ for analog out
- DTS Digital Out
- Enhanced Parental Control with Disc Lockout
- 5-Disc Resume, for uninterrupted viewing



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## Product Information

### Television

#### Display

##### Black Matrix Real Flat Tube

A technological breakthrough over the rounded conventional tubes. It delivers excellent picture quality, perfect images from any angle of the screen and an anti-reflection coating to prevent straining of the eye for maximum viewing comfort.

#### Picture

##### Incredible Picture

Creates a remarkable increase in clarity and sharpness at the point of transition from dark to light areas of the video image for a picture so sharp and well defined that you'll never want to go to the movies again. Package includes:

- Green Enhancement
- Luminance Transient Improver
- Skin Tone Correction

##### Colour Transient Improver

Actively processes the colour (chrominance) signals for enhanced depth and colour definition.

#### Contrast +

Greatly enhances the degree of black to white contrast, thus optimising the total contrast for improved picture quality.

##### 3-Position Colour Temperature (Warm, Normal, Cool)

##### Dynamic Noise Reduction (DNR)

##### Smart Picture (Soft, Natural, Rich, Personal)

#### Reception

- Tuning system PLL digital tuning
- Tuner UV, S and H Tuner
- Channel selection PAL: 100 presets  
NTSC: 181 presets  
NTSC 3.58/4.43/PAL 60
- Video playback

#### Teletext (when available)

- 100-Page Teletext (Fastext)
- A Teletext system to choose Teletext-pages via 4-coloured "fast" keys on the remote control with storage capability of up to 100 pages.
- Reception standards TOP/FLOF

#### Operation

- Remote control RCAB011\_SI
- Number of remote control buttons 42 buttons

#### Sound

##### Incredible Surround

An exciting psycho-acoustic method of widening the stereo spatial image for full-impact home entertainment.

##### Auto Volume Leveller

Suppresses unexpected volume increases in the sound modulation while viewing commercials or when switching broadcast channels.

#### NICAM/2CS

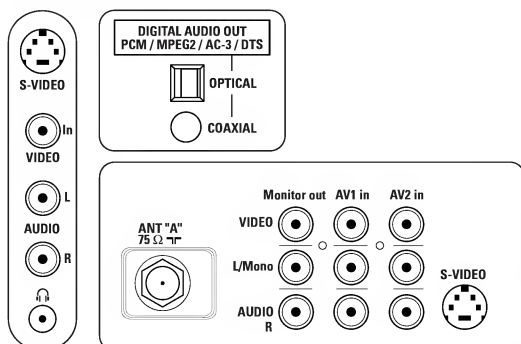
##### Smart Sound (Theatre, Music, Voice, Normal)

- Sound Output 2 X 10 W RMS + 10 W RMS Active Subwoofer
- Loudspeaker used Full range
- Loudspeaker size 1.7" X 6"

#### Convenience

- Hotel Mode
- Multi Language On-screen Display
- On-screen Volume Bar
- Smart Clock
- Smart Lock
- Smart Surf Plus

### A/V Connections



1 typical playing time for movie with 2 spoken languages and 3 subtitle languages.  
2 Equivalent to 500 lines on your TV.

Chassis : A10  
Release Date : Oct 2000  
Reference : A10/BCT/Mainstream

### DVD Player

#### Playback system

- DVD Video
- Video CD
- Audio CD
- CD-R & CD-RW Compatible

#### Optical Read-out System

- Laser type Semiconductor AlGaAs
- Numerical Aperture 0.6 (DVD)  
0.45 (VCD/CD)  
650 nm (DVD)  
780 nm (VCD/CD)

#### DVD Disc Format

- Medium Optical disc
- Diameter 12 cm (8 cm)
- Playing time (12 cm) 2.15h<sup>1</sup>  
4h<sup>1</sup>  
4.30h<sup>1</sup>  
8h<sup>1</sup>
- one layer
- dual layer
- two side, single layer
- two side, dual layer

#### TV Standard

- Number of lines PAL 50 Hz  
625  
Multistandard (PAL/NTSC)
- Playback NTSC 60 Hz  
625

#### Video Format

- DA Converter 10 bits
- Signal handling Components
- Digital Compression MPEG2 for DVD  
MPEG1 for VCD

- |                    |                         |                         |                    |            |            |
|--------------------|-------------------------|-------------------------|--------------------|------------|------------|
| <b>DVD</b>         | 50 Hz                   | 60Hz                    | <b>VCD</b>         |            |            |
| • Hor. Resolution  | 720 pixels <sup>2</sup> | 720 pixels <sup>2</sup> | • Hor. Resolution  | 352 pixels | 352 pixels |
| • Vert. Resolution | 576 lines               | 480 lines               | • Vert. Resolution | 288 lines  | 240 lines  |

#### Audio Format

- Digital MPEG/AC-3  
PCM Compressed Digital  
16, 20, 24 bit  
fs, 48, 96 kHz

- Analog Sound Stereo
- Dolby Pro Logic downmix from multi channel sound 3D Sound for virtual 5 channel sound on 2 speakers.

#### Audio Performance

- DA Converter 24 bits
- DVD f. 96 kHz 4 Hz - 44 kHz  
f. 48 kHz 4 Hz - 22 kHz  
f. 48 kHz 4 Hz - 22 kHz  
f. 44.1 kHz 4 Hz - 20 kHz
- Video CD
- CD
- Signal-Noise (1 kHz) 100 dB
- Dynamic Range (1 kHz) 100 dB
- Crosstalk (1 kHz) 110 dB
- Distortion / Noise (1 kHz) 90 dB

#### Connection

- Digital Output 1 coaxial, 1 optical  
IEC958 for CDDA/LPCM  
IEC1937 for MPEG1/2, AC-3  
DTS

#### General Functionality

- Stop / Play / Pause
- Fast Forward / Backward (2 Speed)
- Slow
- Title / Track Select
- Skip Next / Skip Previous
- Perfect Still with digital multi-tap filter
- Zoom (x2, x4) with picture enhancement
- 3D Sound

#### DVD Functionality

- Multi-angle Selection
- Audio Selection (1 out of max. 8 languages)
- Subtitles Selection (1 out of max. 32 languages)
- Aspect Ratio conversion (16:9, 4:3 Letterbox, 4:3 Pan Scan)
- Parental Control and Disk lockout
- Disc Menu support (Title Menu and Root Menu)
- Resume (5 discs) after stop / standby
- Programming Titles / chapters with Favourite Selection

#### Video CD Functionality

- Playback Control for VCD 2.0 discs
- Parental Control and Disk lockout
- Resume (5 discs) after stop / standby
- Programming Tracks with Favourite Selection

#### Audio CD Functionality

- Time Display (Total / Track / Remaining Track Time)
- Full audio functionality with remote control
- Programming with Favourite Track Selection (FTS)

#### Measurements

- Screen size 29" (72 cm)
- Aspect Ratio 4:3
- Mains 90-276V  
(except /79R NZ/Aust 160 - 276V)
- Power Consumption 118 Watts (Normal operation)  
8 Watts (Standby)
- Net Weight 42 Kg
- Gross Weight 55 Kg
- Set Dimension 780 x 525 x 590  
(Width x Depth x Height mm)
- Box Dimension 916 x 728 x 789  
(Width x Depth x Height mm)
- Container loading 117 sets  
(per 40 ft, loose)

Features and specifications subject to change without notice

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